CLAIMS

What is claimed is:

1. A lubricant composition comprising, by weight:
approximately 4% carbon dioxide;
approximately 0.3 to approximately 0.5% SARKOSYL O;
approximately 0.05 to approximately 1% AMINE O;
approximately 10 - approximately 20% petrolatum;
approximately 70 to approximately 90 % trichloroethylene;
approximately 1 to approximately 2% MONALUBE 225®; and
approximately 0.44% methyl salicylate.

2. The lubricant composition as described in claim 1, wherein the preferred concentration of MONALUBE 225® is approximately 1.5%.

3. The lubricant composition as described in claim 2, wherein the preferred concentration of trichloroethylene is between approximately 78% and about 81%.

4. The lubricant composition as described in claim 3, wherein the more preferred concentration of trichloroethylene is between approximately 78% and approximately 79%.

5. The lubricant composition as described in claim 3, wherein the preferred concentration of petrolatum is approximately 15%.

6. The lubricant composition as described in claim 5, wherein the composition is characterized by being nonflammable.

7. A lubricant composition comprising, by weight:
approximately 4% carbon dioxide;

approximately 0.3 to approximately 0.5 % SARKOSYL O;
approximately 0.05 to approximately 1% AMINE O;
approximately 15% petrolatum;
approximately 78 to 79% trichloroethylene;
approximately 1.5 % MONALUBE 225®; and
approximately 0.44% methyl salicylate.

8. A method for protecting metal surfaces against wear due to extreme pressure conditions, the method comprising the step of applying a lubricant composition to the metal surfaces, the composition comprising, by weight:
approximately 4% carbon dioxide;
approximately 0.3 to approximately 0.5 % SARKOSYL O;
approximately 0.05 to approximately 1% AMINE O;
approximately 10 to approximately 20% petrolatum;
approximately 70 to approximately 90% trichloroethylene;
approximately 1.0 to approximately 2.0% MONALUBE 225®; and
approximately 0.44% methyl salicylate.

9. The lubricant composition as described in claim 8, wherein the preferred concentration of MONALUBE 225® is approximately 1.5%.

10. The lubricant composition as described in claim 9, wherein the preferred concentration of trichloroethylene is between approximately 78% and about 81%.

11. The lubricant composition as described in claim 10, wherein the more preferred concentration of trichloroethylene is between approximately 78% and approximately 79%.

12. The lubricant composition as described in claim 10, wherein the more preferred concentration of petrolatum is approximately 15%.

13. The lubricant composition as described in claim 12, wherein the composition is characterized by being nonflammable.

14. A method for protecting metal surfaces against wear due to extreme pressure conditions, the method comprising the step of applying a lubricant composition to the metal surfaces, the composition comprising, by weight:

approximately 4% carbon dioxide;
approximately 0.125% SARKOSYL O;
approximately 0.125% AMINE O;
approximately 15% petrolatum;
approximately 78 - approximately 79% trichloroethylene;
approximately 1.5% MONALUBE 225®; and
approximately 0.44% methyl salicylate.